

Kuwsan (AFWA) MMS for DEC 7 OUZ

- indicated Clouds W/ to 9,000 ft MSC

- 3 hr precip totals RANGING from -01-.03 for

B 34 hr Pd.

- NW SFC winds switching NE 3t 08/00Z

Kunsan (AFWA) MKF Meteocrams

ONLY SIGNIFICANCE WAS INITIAL TDEC

PRESID Showed SNOWShowers BS OPPOSED to SNOW.

AT 07/07422 RATIN First reported TSRA. AT 07/0721 RKSC FIRST NEPORTED

INVIALIZATION of Models (NOGARS PMRK) found no mosor discretances.

300mb. Jet Placements of NKN + SEN birnch did very well. NKN DIANCH discipa south of the Shantung Pen over the DMZ. SIN BIRNCH OVER EAN CHINA SO. of Klushu and was having no affect to weather over the Pen.

500 mb. Placemed I MISUN OVER Shantung Pen stacking down to see Low over east sea was load as well as amelitade when Compared to VA.

Toub: Moisture was overdone when compared to SAT over Per, but this Feature is not uncommon with NogaPs.

SFC. SEC LOW ON both MIRF + ABEARS comeased well with BOZ SEC andl.

when comparing 67/00 + 67/06 & SKEW-T (RKSG) sounding

of 65 AN Showed that the -ZO is therm had cowened eyoft from

140 ft to 120 ft. overall Skew-T Showed only minor destabilization

of the atmosphere

Skort-Ranke forecaster + Mel-Watch believed that a Thunderstorms. Advisory

was not warranted due to the wark instability present.

Initial itermention of the skew-T showed little to be significant increase in the lapse rates or destabilization, thus no advisory was sent.

Post Analysis Reasoning: Hast Thurderstorms over Korea are the Air Mass
THE COUNTRY, MANEUER, other affects can sid it the formation
OF ISIANO, SUCK STS. CERCEAPPAIC, COTO COPE, and I with a francist
boundary nelpina lift the warmer, moist less dense air.
IN this case, NO analyzing the DATA, The Wet-Worth Misinterselated
the Cocation of the -20 isotherm. [Initially Thought -20 was 21 220ft)
INTER INTERPOLATION of DEPPLET POSTAT had build-ups 110-120ft.
LE- ENBLYZING DATA and SKEW-T believe the minimal conditions for
TSTRUS RETEN Not leview Reviewing Stability indires 24 2112
INdices needed for Good Thunderstorm development 07/00002 07/06002
CT (cross Totals) VT (vertical Totals) 4285 Than 28 = 20 VT = 9.4 17.8 VT (vertical Totals) 4285 Than 28 = 206 VT = 23.6 -21.2
11 L 10+36 10+3/5) 44-48 TT 14.2 39.0
SSI (Showalter index) 3 to 1 strong triscan SSI 10 4 12.3
Called Index
TI (Thompson Index) 20 more 20-29 werk TI -27.4 -2.5
KI (KI%)
KO (Likelihood of TSTM) KO 12-8 7.1
WBZ 5,000 to 11,000 WAK WRZ 1800+1 1700ft
Lessons Learned:
Lessons Leserred from this event warrants a more visitant Wet Weekle
as well as attention to detail.
In addition, although uncommon in korea, willer thunderstorms are possible
The importance of a Good initial interrogation of sympotic situation

is amust! Is well as the infortance of the -20° isothern being a good teel for Thursterstorm Top Threshold.

Superintendent: IM: Team Chief: BOTTOM LINEON THIS REVIEW 15 THAT ACTHOUGH THE INDICIES DIDN'T INDICATE ANYTHING OTHE THAN STATE CONSTITIONS AFTER FROPK, THE POST COLD FRONTER THOF WAS MISSED (TRIGGER) AND A FENERAST SOUNDING WAS NOT ACCOMPLISHED